

20000318.qrp v01_n764.qrl.20000318

Date: Sat, 18 Mar 2000 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1764

QRP-L Digest 1764

Topics covered in this issue include:

- 1) [65949] Re: New LDG Tuners
by Jeff <fantbb@yahoo.com>
- 2) [65950] Re: Extra at last!
by Tom Isgro <k8cz@concentric.net>
- 3) [65951] RIGS: AEA DX Handies, xtal co.
by Stuart Rohre <rohre@arlut.utexas.edu>
- 4) [65952] Re: [64049] Illegal 'G' calls
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 5) [65953] [Help-Test Gear] WM-2?
by "Steve/n0tu" <n0tu@webaccess.net>
- 6) [65954] Re: [64240] Re: KITS: NorCal Surface Mount Transceiver
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 7) [65955] [Fwd: Ham Radio On Board!]
by Laura A Fisher <wlfisher@bellatlantic.net>
- 8) [65956] FS Extra stuff update
by "beaks" <beaks@westco.net>
- 9) [65957] QRP at Greater Baltimore Hamboree and Computerfest ??
by WB3LGC@aol.com
- 10) [65958] Extra up grades opinion???
by "Michael Herman" <kc9nf@hotmail.com>
- 11) [65959] RE: OT: Irridium Story
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 12) [65960] Re: KITS: NorCal Surface Mount Transceiver
by "Stephen D. Cohen" <scohen@tampabay.rr.com>
- 13) [65961] Re: Extra up grades opinion???
by "Victor Blackwell" <victor@breconet.com>
- 14) [65962] Couple of things
by Robert B Boughner <notajock@juno.com>
- 15) [65963] Re: Extra up grades opinion???
by David Castor <dpcastor@home.com>
- 16) [65964] Battery Charger w low voltage battery protection
by Scott Gregson - KC7MAS <emtech@steadynet.com>
- 17) [65965] QRP Rig Swap
by KT8DX@aol.com
- 18) [65966] Re: New LDG Tuners
by "Richard McGaver" <mcgaver@execpc.com>
- 19) [65967] I done sumthin technical

- by hamjoel@juno.com
- 20) [65968] RE: OT: Irridium Story
by "Paul Harden, NA5N" <na5n@rt66.com>
 - 21) [65969] RE: 11M groundplane for Ham Bands?
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
 - 22) [65970] Re: QRP at Greater Baltimore Hamboree and Computerfest ??
by Bruce Muscolino <w6toy@erols.com>
 - 23) [65971] A|D9852 DDS
by "Leon Heller" <leon_heller@hotmail.com>
 - 24) [65972] Fun
by "Dan Wolfe" <n4roa@mounet.com>
 - 25) [65973] old LDG Tuners
by "Walt Amos" <k8cv@worldspy.net>
 - 26) [65974] Re: Extra up grades opinion???
by Dick Carroll <dixie@townsqsr.com>
 - 27) [65975] RE: Tuna Tin II upgrades
by Curt Milton <wb8yyy@yahoo.com>
 - 28) [65976] HELP: Best Way to Cut Double Side Copper Clad PCB
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
 - 29) [65977] Re: RIGS: AEA DX Handies, xtal co.
by K2UD@aol.com
 - 30) [65978] Re: Mike Preamp designed.
by Ed Loranger <we6w@qsl.net>
 - 31) [65979] Re: old LDG Tuners
by david fouchey <dafouchey@home.com>
 - 32) [65980] SWR vs FS
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
 - 33) [65981] Re: HELP: Best Way to Cut Double Side Copper Clad PCB
by "George Heron N2APB" <n2apb@erols.com>
 - 34) [65982] Re: SWR vs FS
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 - 35) [65983] qsl'ing W1FB
by john@neknetwork.com
 - 36) [65984] Re: HB: Low Phase Noise VFO
by Laura Halliday <va3ldh@sympatico.ca>
 - 37) [65985] Re: SWR vs FS
by "Scott Hotchkiss" <w4pj@bellsouth.net>
 - 38) [65986] Free PM1 boards
by Ed Kessler <edkess@epix.net>
 - 39) [65987] FS RS DSP NIB
by Ed Kessler <edkess@epix.net>
 - 40) [65988] Trade: OHR500
by "Kelly Ellison" <kelman@dialnet.net>
 - 41) [65989] (no subject)
by Wa3ptg@aol.com
 - 42) [65990] Re: qsl'ing W1FB
by "Rod, N0RC" <n0rc@qsl.net>
 - 43) [65991] OT: Sell or Trade

- by AD6EZ@aol.com
- 44) [65992] Rigs with PICs & open source
by "Rod, N0RC" <n0rc@qsl.net>
- 45) [65993] CQ Sweden
by "Marshall Emm" <mgemm@ntechnologies.com>
- 46) [65994] Mineral Oil
by Joe Mikuckis <k3chp@erols.com>
- 47) [65995] Extra Good News
by lenny wintfeld <w2bvh@home.com>
- 48) [65996] Re: DSW Mod Ideas (was: Re: Kits: Best Bang for the buck under \$100)
by "Rod, N0RC" <n0rc@qsl.net>
- 49) [65997] PM1 Boards Gone Wow!
by Ed Kessler <edkess@epix.net>
- 50) [65998] Re: Extra Good News
by Tom Isgro <k8cz@concentric.net>
- 51) [65999] Europe 15 mtrs ...
by John Raynsford <al7jk@gci.net>
- 52) [66000] Re: HB: Low Phase Noise VFO
by "Paul Harden, NA5N" <na5n@rt66.com>
- 53) [66001] FS: Lowe HF-150 & Icom R-100
by wb2vuo@juno.com
- 54) [66002] QRP to the Field 2000 Rules
by "J. Medley" <jmedley@ix.netcom.com>
- 55) [66003] Re: old LDG Tuners
by Hank Kohl K8DD <k8dd@arrl.net>
- 56) [66004] Re: Kits: Best Bang for the buck-EMTECH
by "Chuck Carpenter" <w5usj@globeco.net>
- 57) [66005] FS QRP Rigs
by Ed Kessler <edkess@epix.net>
- 58) [66006] HAY ESTACIONES SUDAMERICANAS EN LA LISTA????
by cx8at@adinet.com.uy
- 59) [66007] Priced to Sell
by Ed Kessler <edkess@epix.net>

Date: Fri, 17 Mar 2000 16:06:58 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [65949] Re: New LDG Tuners
Message-ID: <20000318000658.1425.qmail@web113.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Paul Christensen <paulc@mediaone.net> wrote:
> Perhaps it's because it's one thing to hear or read a claim from
> the
> manufacturer, and yet another to solicit the opinions of those who

> have
> actually used the product. I believe Joe's inquiry related to the
> use of
> the tuner with a particular type of antenna. In this instance, I
> would much
> rather have the unbiased feedback from those who have purchased the
> product.

I have a AT-11 QRO antenna tuner. I bought it so I wouldn't have to always retune my MFJ antenna tuner when I change bands on my 10-40 meter G5RV. Well what I found was that it could tuner 15 and 20 meters with no problem but couldn't tune 10 and 40 meters. Even when I tried 1/4 wave feeders and made sure it had a good ground it stil wouldn't tune it in. Also I tried adding some inductance inline with the coax to help on 40 meters. It still had problems tuning. I ended up using my MFJ antenna tuner between the antenna and AT-11. After a while I just took out the AT-11 and packed it away.

I'm not that impressed with the AT-11 and if it can't tune a G5RV I feel it's not that usefull. The G5RV has a range of impedences that are pretty typical of a multiband antenna and if it couldn't tune those I kinda wonder how usefull it really is. Also tried a 4:1 balun and that didn't help either. It is susposed to tune the range of impedences that I measured with my RF-1.

Sorry not to jump on the bandwagon where anything QRP is great and should be bought. But I wasn't happy with the AT-11.

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Fri, 17 Mar 2000 19:46:41 -0500
From: Tom Isgro <k8cz@concentric.net>

To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65950] Re: Extra at last!
Message-ID: <38D2D1F1.BB3602E3@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Way to go Dan, Congratulations on the Extra

--
72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-1 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, ARRL

Date: Fri, 17 Mar 2000 18:48:49 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [65951] RIGS: AEA DX Handies, xtal co.
Message-ID: <38D2C460.A1EFFB78@arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An excellent buy with docs for two at \$150, which has been the going price for one!

Mine is a 10M model, and even with the built in whip, have been able to work Japan with it with the built in whip. Of course, I was on the 10th floor of a condo in a West facing window! :-)

Enjoy and for extra xtals, contact International Crystal Manufacturing Co. in Oklahoma. They made some for the prior owner of my 10M one. Give them the name of the manufacurer of the Radio, and the exact models, and maybe serial numbers.

They keep files like that, for various radios. State you want same holder as they made these in before. If you know what it is called, mention it.

73,
Stuart K5KVH

Date: Fri, 17 Mar 2000 16:57:12 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>

To: dave.g0dja@psilink.co.uk
Cc: qrp-1@lehigh.edu
Subject: [65952] Re: [64049] Illegal 'G' calls
Message-ID: <200003180057.QAA18123@netcom.com>

Sorry I was unclear. Of course, what I meant was that the prefix for non-UK licensees is now M not G.

And as for 2D's (or 2T's), when I was there last spring, no one in the IOM club knew of ANY novices on the island, so it'd have to be one unknown to them or a visitor, so "unlikely". Since there's no course on the island, either....

BTW, for the US hams reading this, the UK Novice requires taking a course, and IIRC there's some "hands on" electronics as part of the course.

73, doug

Date: Thu, 24 Feb 2000 22:06:13 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>If anyone from another non-UK country works from IOM, they MUST use
>the MD/home call these days. The G prefix is not legal, and
>hasn't been for a few years now.

For a minute there I wondered if my licence had been revoked! Then I realised that this was meant to be read as meaning G/**** for visitors to the UK - HI!

By the way, why would it be unlikely to work a 2D? The Novice calls beginning 2D0 are allowed various HF bands, including 15M, and they can use up to 10W now! (QR0 to 'us')

NB - 2D0 should read Two Dee Zero, but I cant get this system to print the 0 with an oblique stroke through it - HI

Cheers de Dave (G0DJA)

Date: Fri, 17 Mar 2000 18:26:16 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [65953] [Help-Test Gear] WM-2?
Message-ID: <000b01bf9078\$f50230e0\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Just finished my WM-2 OHR QRP wattmeter kit.

My needle jumps from zero to about 1mW when switched to the 100mW scale. In the 10W and 1W positions the needle rest on zero - no problem. Why the jump? Is this a problem or just normal? Guess 1mW won't amount to much of an error but just curious if they all do this.

BTW this is a very nice kit. Great manual and quality PCB, case and meter!
TIA Steve/n0tu

Date: Fri, 17 Mar 2000 17:53:22 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: mikey@mcs.com
Cc: dave.g0dja@psilink.co.uk, qrp-l@Lehigh.EDU
Subject: [65954] Re: [64240] Re: KITS: NorCal Surface Mount Transceiver
Message-ID: <200003180153.RAA15788@netcom.com>

And which part is the part that makes it illegal?
So if one person got two PC boards and another person got two parts kits, then would it be illegal when they swap bits, or maybe not until it's assembled? Maybe the 15M version could be the "export" version.

73, doug

Date: Sat, 26 Feb 2000 15:27:32 -0600
From: "Michael Young" <mikey@mcs.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not trying to be "smart" about this, but do kits qualify as "single band equipment" under that ban?

Michael.
K9ZC

----- Original Message -----

From: David J. Ackrill <dave.g0dja@psilink.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, February 26, 2000 5:50 PM
Subject: Re: KITS: NorCal Surface Mount Transceiver

> I'm interested in the proposed kit, and think that 10M would be useful,
> especially if a 1mW output could be used to drive transverters for 50MHz
or
> 144MHz etc.
>
> However, one word of warning to fellow 'Brits' on the list. There's a law
> over here which prohibits the importing of single band equipment between,
I
> think, 27 MHz and 29 MHz.
>
> This law has been the subject of endless debate, as it also stops Hams
> modifying existing, but illegal in this country, CB equipment. (There is a
> legal CB service in the UK, and rigs have to have certain approvals to be
sold).
>
> The reason always given for stoping single band 10M equipment, like that
> proposed in the NorCal kit, is that it 'might' be retuned onto frequencies
> that are illegally used by some people.
>
> The law has been in force for quite a few years now.
>
> So, it might be worth checking that it wont be impounded at Customs if you
> order one from the UK.
>
> Cheers de Dave (G0DJA)
>

Date: Fri, 17 Mar 2000 20:39:24 -0500
From: Laura A Fisher <wlfisher@bellatlantic.net>
To: al saldarini <alsaldarini@worldnet.att.net>, Gene Filipponi
<omham@ix.netcom.com>, George Heron <n2apb@erols.com>, howard fisher

<fisher64@pacbell.net>,
"Kc2aup@aol.com" <Kc2aup@aol.com>, "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-
1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, Stephen Rosen <SHRosenESQ@aol.com>
Subject: [65955] [Fwd: Ham Radio On Board!]
Message-ID: <38D2DE4B.BA3E2B1C@bellatlantic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ARRL Members Only Web site wrote:

> * What's that antenna on your car for?
> * What are those strange letters on your license plate?
>
> Dear Fellow ARRL Member,
>
> You know those annoying license plate frames that you follow into work each
> morning? Well...ARRL has produced one that isn't too annoying. Promise!
>
> Introducing ARRL's Amateur Radio License Plate Frame. In bold lettering, it
> says "Amateur Radio." Short and sweet. And, we've added ARRL's web address
> to the bottom of the frame. Just imagine all of the recruiting you can do!
> Loads of people will point-and-click their way into Amateur Radio after
> following you into work. (We've already had staff test it!!)
>
> See it on the web and order your frames, today!
> Amateur Radio License Plate Frame
> ARRL Order No. 7989--\$4.95 plus shipping
> QUICK ORDER on the ARRLWeb:
> http://www.arrl.org/catalog/accessories_supplies.phtml#lpframe
>
> What kind of Amateur Radio recruiter are you?
> 4-Star Recruiter: I'll get one for each of my family's cars!
> 3-Star Recruiter: I'll order one for each of my ham-friends!
> 2-Star Recruiter: I'll put one on the front and rear bumper!
> 1-Star Recruiter: I'll recruit the people behind my car!
>
> Don't speed! Give them a chance to read the message:
> Amateur Radio www.arrl.org
>
> See you on the road...and on the air!
>
> 73,
>
> Bob Inderbitzen, NQ1R
> Publications Dept.

>
> ARRL
> The national association for AMATEUR RADIO
> 225 Main Street, Newington, CT 06111-1494 USA
> Telephone: (860) 594-0213 FAX: (860) 594-0303
> Internet: rinderbi@arrl.org
> World Wide Web: <http://www.arrl.org/>
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> membership data" link.

Date: Fri, 17 Mar 2000 21:22:25 -0500
From: "beaks" <beaks@westco.net>
To: "QRPL" <grp-1@lehigh.edu>
Subject: [65956] FS Extra stuff update
Message-ID: <005301bf9080\$cd893c40\$7a9401d0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW, too many replies to answer each one. I used the order the replies were
received here to decide you had first grabs. If something happens, I'll
repost the item again at a later date. So far:
The 2 OHR rigs----AB7CE Roy
MFJ Keyer----K3HW Howard
The Sierra and packet modem still available.
Thanks all....
Arch N8EAG

Date: Fri, 17 Mar 2000 21:31:47 EST
From: WB3LGC@aol.com
To: qrp-l@lehigh.edu
Subject: [65957] QRP at Greater Baltimore Hamboree and Computerfest ??
Message-ID: <33.296a0c5.26044493@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Is there going to be a QRP session at GBH&C ?? If so time?

73, Steve WB3LGC

Date: Fri, 17 Mar 2000 19:11:39 PST
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU, tentec@contesting.com
Subject: [65958] Extra up grades opinion???
Message-ID: <20000318031139.14867.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Since I need to wait til 4/15/00 and I want a vanity call sign. Do I applied for the upgrade and the new call sign at the same time??Mike KC9NF

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Fri, 17 Mar 2000 22:13:29 -0500
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: <ianpurdie@integritynet.com.au>, "QRP-L Mailing List" <qrp-l@lehigh.edu>
Subject: [65959] RE: OT: Iriridium Story
Message-ID: <NDBBJALMDCJHFFPJMMFKAEBNCGAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ian and QRP-L,

> Are you hinting the gangue at QRP-L go into the satelllite business? Lotsa
> possibilities.

Ummmm... Not really. I was just thinking that if you didn't have to bear the debt load of the initial financing, it might be possible to turn this

into a profitable venture. I am, quite frankly, amazed at the \$50m per month figure that Paul Harden just published. That is astounding.

Now if that \$50m per month included the debt load on the \$7b used to launch the birds, then it makes a *whole lot* more sense. Unfortunately, to make it work with only 30k subscribers, one would need to be able to operate it for more like \$1m per month.

Sigh.... Down they come...

73,

Steve

Date: Fri, 17 Mar 2000 22:16:41 -0500
From: "Stephen D. Cohen" <scohen@tampabay.rr.com>
To: "QRP-L Mailing List" <qrp-l@lehigh.edu>
Subject: [65960] Re: KITS: NorCal Surface Mount Transceiver
Message-ID: <NDBBJALMDCJHFFPJMMFKEEBNCGAA.scohen@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A recent thread posited:

> > However, one word of warning to fellow 'Brits' on the list.
> There's a law
> > over here which prohibits the importing of single band
> equipment between,
> I
> > think, 27 MHz and 29 MHz.

What luck! The NorCal kit will simply need to advertise compatibility in the 29-30MHz portion of 10M for import to the United Kingdom of Great Britain and Northern Ireland (say that ten times fast). Of course, instructions for building the kit on a slightly lower frequency will be quite easy to come by on the web. :-)

73,

Steve, N30IE

Date: Fri, 17 Mar 2000 22:43:16 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <kc9nf@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [65961] Re: Extra up grades opinion???
Message-ID: <000c01bf908c\$18e75c20\$525730d1@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is an easy question. Since you will be getting the license from the FCC, call the FCC.
1-888-CALL-FCC. I have found it best not to try and do two things at once with the commission. This can generate foul-ups. I asked the folks at the FCC in Gettysburg about taking more than one action at the same time. The lady reiterated the advice of one and only one task at a time. Who else besides you would want a crummy call like, W9QRP? :-)

Vic AD8K

-----Original Message-----
From: Michael Herman <kc9nf@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, March 17, 2000 10:06 PM
Subject: Extra up grades opinion???

>Since I need to wait til 4/15/00 and I want a vanity call sign.Do I applied
>for the upgrade and the new call sigh at the same time??Mike KC9NF
>_____
>Get Your Private, Free Email at <http://www.hotmail.com>
>

Date: Fri, 17 Mar 2000 22:54:35 -0500
From: Robert B Boughner <notajock@juno.com>
To: qrp-l@lehigh.edu
Subject: [65962] Couple of things
Message-ID: <20000317.225437.-210239.0.notajock@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi all

This may be a dumb observation, but why do the kit designers treat 6M SSB like a red-headed stepchild? It seems that they fall all over each other to design yet another 40M CW rig. Here we are on the upswing on sunspots and no one is putting out the proper kits.

. The other thing is that I still have 4 6146 tubes that need a good home. I want to see if they will trade for an antenna tuner that will handle up to 25 watts (I have an HTX-100)

Bob
WA9LSD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 17 Mar 2000 19:56:28 -0800
From: David Castor <dpcastor@home.com>
To: <qrp-l@lehigh.edu>
Subject: [65963] Re: Extra up grades opinion???
Message-ID: <B4F83E6C.8A1%dpcastor@home.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Michael,

I think it depends on what you want for a call sign. If you want a call sign restricted to Extra Class, then you will have to get the new license first, then upgrade. If you are applying for a call sign available to your present license grade, I guess maybe you could try the vanity application ahead of time. But it would probably be best to wait and follow the process that the FCC is expecting you to follow. It takes long enough even when they are not confused.

There is a FAQ on the FCC web page that covers this situation.

Hope this helps.

David Castor, K7EL

> From: "Michael Herman" <kc9nf@hotmail.com>
> Reply-To: kc9nf@hotmail.com
> Date: Fri, 17 Mar 2000 19:11:39 PST

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Extra up grades opinion???
>
> Since I need to wait til 4/15/00 and I want a vanity call sign.Do I applied
> for the upgrade and the new call sigh at the same time??Mike KC9NF
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>
>

Date: Fri, 17 Mar 2000 20:16:36 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [65964] Battery Charger w low voltage battery protection
Message-ID: <38D30324.95B01187@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I posted several months back that I was coming out with a kit for a battery charger that shuts off the load if the battery voltage drops below a setpoint.

Well, I'm finally ready to ship. I just sent an email to everyone whose record of being interested I found. If you emailed me at that time telling me that you wanted to take advantage of a special "troubleshooters" offer and you did not receive an email from me today, please email me now (if you're still interested). I will look up your name specifically and see if I have your original email.

*Others who are interested (in the BETA version) can purchase them now for \$35.00.

*We can now accept Visa and MasterCard, and you might be able to save \$5.00 by using that payment method (on any purchase) - email me!

*The charger can be permanently attached to your battery. Power-off current drain is 80uA (you could put a switch in if you wanted to - 80uA is almost a years worth of power on a 4.5AH battery , so the battery would take that long to discharge without being recharged).

The kits include:

- 1 board
- 30" of 3 colors stranded, tinned hookup wire
- 1 UC3906
- 1 8 pin DIP socket
- 1 TIP31B NPN power transistor
- 1 TIP32B PNP power transistor

1 IRF510 power MOSFET (MOSFETs are cool especially the newest designs - although the best ones are surface mount.)
4 varied 3 watt resistors for setting charge current
4 varied 1/4 watt resistors for setting charge current (for lower AH batteries)
A bunch of other resistors
3 filtering caps - electrolytic
3 LEDs
1 1N4003
2 MC33164P-3 - comparators
3 Mica insulators
Instructions (chicken scratch version - will clean up as time permits).

At a later date I will diagram how you can hook up your solar panels to provide a trickle charge for your battery (with this charger in place) and post it to the website.

If you need a battery, email and I will set up a group buy (save you \$\$).

Lastly, I intend to (eventually) package this whole thing into a carrying case that matches the NW radios. It will have room for a ZM-2, speaker, and etc (meter, counter I dunno). This will be several months off unless I presold quite a few. I have to save up money to purchase the aluminum cabinets, paint, silkscreen etc. This thingy will be called the NW - Companion. Maybe it should have a little compartment for a pair of headphones and cables, and maybe for a field dipole, a hand-cranked generator - getting bigger by the second!!

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
++++++
Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Fri, 17 Mar 2000 23:27:37 EST
From: KT8DX@aol.com
To: qrp-1@lehigh.edu
Subject: [65965] QRP Rig Swap
Message-ID: <3f.2363923.26045fb9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello. Anyone out there want to swap a MFJ-9020 for a MFJ-9030? Mine is perfect. I'd accept slightly less than perfect if need be.

I have an Argonaut now (without 30 meters) and need a way to get on that band.

Thanks and 73s

Bob KT8DX

Date: Sat, 18 Mar 2000 16:35:41 -0600
From: "Richard McGaver" <mcgaver@execpc.com>
To: <paulc@mediaone.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65966] Re: New LDG Tuners
Message-ID: <013601bf912a\$4eaedd80\$3c88cfa9@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I bought 2 of the QRP Tuners and my only problem was the wording to insert the processor.but... these units work absolutlely fantastic. I have used them with hustler mobile whips on my last 2 cruises. I have also used them when I travel and operate by battery. Also used with dipoles to touch them up and my newest favorite a shortened G5RV for 10-40 meters. My opinion... up and running..by the way I said 2 units.. the other is at work which I use with a R7.

Rick NK 9G

-----Original Message-----

From: Paul Christensen <paulc@mediaone.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, March 17, 2000 3:46 PM
Subject: Re: New LDG Tuners

>Perhaps it's because it's one thing to hear or read a claim from the
>manufacturer, and yet another to solicit the opinions of those who have
>actually used the product. I believe Joe's inquiry related to the use of
>the tuner with a particular type of antenna. In this instance, I would
much
>rather have the unbiased feedback from those who have purchased the
product.

>On the other hand, if the inquiry is related to a particular problem or
>fault of the unit, then I agree, factory support should be called on first.

>

>-Paul, W9AC

>
>-----Original Message-----
>From: Bill Jones <kd7s@psnw.com>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Date: Friday, March 17, 2000 4:25 PM
>Subject: Re: New LDG Tuners
>
>
>>Joe and all,
>>
>>There is no doubt that this group is a wealth of knowledge. But I'm
>>curious why you didn't direct your question directly to the
>>manufacturer. They provide both telephone and e-mail support. I would
>>think they would be in a very good position to help.
>>
>>My question is in NO WAY a put-down, Joe. It's just that I often see
>>questions or complaints aired here that might be better suited for the
>>manufacturer and I have to wonder why this is so.
>>
>>Joseph Trombino Jr wrote:
>>>
>>> Fellow QRP'ers:
>>>
>>> Both tuners indicate that they can tune loads from 6-800 ohms. Any
ideas
>>> if this means these tuners can tune, say, an Extended Double Zepp cut
for
>>> 40 meters (170 foot long flat-top), on all the bands from 80-10
meters???
>>
>>
>>--
>>-----
>>Bill Jones - KD7S <><
>>Sanger, California
>><http://www.psnw.com/~kd7s>
>>-----
>

Date: Sat, 18 Mar 2000 01:13:09 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [65967] I done sumthin technical
Message-ID: <20000318.011312.-227831.0.hamjoel@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Rejoice and be glad young-uns

Without causing any of the many smoke alarms in the house to go off I removed a capacitor from an old radio pc board and installed it in my qrp++ without lifting any traces or burning any parts.... oh joy...

Then I put the thing back together in less than 2 hours... a new record for me...

I put a 220 mf cap across D26 in the L0 board and put an end to my qrp++ being off frequency... don't kneaux iffin I stopped the pulling yet.. but I can now tune on freq to talk with someone now... hee hee

The 9 volt power supply was evidently pulling on xmit and that supplies the three vco, and the microprocessor and other non essentials.... hee hee... it also caused the rec freq to be off by 200hz or more... but not NO MEAUX....

i KNEAUX this doesn't compare to passing the extra licence... congratulations to him that did that.... however this is the first time in years I have been inside a radio with intentions on melting solder and then using the thing again....

oh joy

Joel KE1LA
In Maine
with a working ant and a correct dial readout...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 18 Mar 2000 00:27:55 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Stephen D. Cohen" <scohen@tampabay.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65968] RE: OT: Irridium Story
Message-ID: <Pine.SUN.4.10.10003180021590.22941-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 17 Mar 2000, Stephen D. Cohen wrote:
> Ian and QRP-L,
> I am, quite frankly, amazed at the \$50m per
> month figure that Paul Harden just published. That is astounding.

Yes it is an astounding number. However, I was merely quoting the number cited on the MSNBC.COM page, which I think was the AP story. Tonight on the news, they cited \$147 million per quarter, or darn close to the \$50M/month figure. They also said each bird cost \$47M to build and launch. I would assume that \$50 mil per month must include the loan payments on all of this debt load. They just aren't bringing in that kind of revenue, which is why it went to bankruptcy court. Last I heard, they WERE to be turned off still tonight at midnight, which was an hour ago my time. There's also an interesting disclaimer and Q&A thing on the motorola/iridium website, which also discusses the court action and warning all users TODAY is the last day of iridium service. Sad.

72, Paul NA5N

Date: Fri, 17 Mar 2000 07:49:20 +0100
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>
To: <n9ssa@arrl.net>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [65969] RE: 11M groundplane for Ham Bands?
Message-ID: <000201bf90ba\$257c8ea0\$ed8219d4@juanjopectv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Pete,

That's the one and only "aerial" (to say it the "Brit" style or, as you americans say lately, a la "Brit") here in the fixed QTH. I have some photos to scan and upload there in the webpage when I eventually get it ready... . Mine is an italian made Sirio 2016, a 5/8 wavelenght GP with 16 radial rods of about 4 feet of lenght each and 6.2 meters (some 23 feet I guess) of radiating whip. It works fb in 10 meters, and it could be tuned up into 28.500 (a compromise between the CW segment and my SSB allocation up in 29 to work both of them with no tuner) by taking in the last element, the one with a capacitive ball. I am having lots of stateside QSOs from EA5 (southwest Europe, Mediterranean sea) with that antenna and 3 watts output... Besides, it seems some of the metal guy wires that tie the supporting mast in place (the ground plane is about 7 meters, 25 feet up) take a nice resonance in 40 so I can work 7.030 with 1.5:1 SWR (hey, I have worked as far as Asiatic Russia -the Urals- with it and 2 Watts, hear lots of americans and I did even work a few states with it back in my QRO times...) , and also 15 meters with a homebrew pi antenna matchbox (4:1 SWR

there). It is deeply deaf in 80 meters, and I have no allocation in any other band (still an EC...) so I have no info on loading on other bands. Hope this lines help you anyway. And see you on 28.110 at 1700 UTC...

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor
C/San Roque, 4-1
46460 Silla
Valencia
ESPA A

Tel. +34 96 120 17 67
e-mail: ec5aca@qsl.net

-----Mensaje original-----

De: Pete (N9SSA) <n9ssa@arrl.net>
Para: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Fecha: jueves, 16 de marzo de 2000 21:13
Asunto: HB: 11M groundplane for Ham Bands?

>Howdy -

>

>I have the next antenna for the farm in mind. An old 11M ground plane
>vertical... I've had a couple of guys say that this will load through a
>tuner just fine, just don't go QRO! I'm really just looking for a nice
>omnidirectional receive to support my tri-band beam.

>

>Anyone have experience using an 11M ground plane on Ham bands?

>

>I'm not sure if it's 1/4 (18') or 5/8 (22').

>

>Can/should it be cut to another length?

>Tophat loaded?

>Ground mounted with good ground radials?

>Roof mounted, and use the stubby ground plane elements?

>

>I just can't seem to find any good info on the 'net, so I thought I'd ask
>my QRP-L buddies.

>

>73

>

>N9SSA - Pete Hoffswell

>Holland, MI - EN62wt - 42.79N 86.15W

>n9ssa@arrl.net <http://www.qsl.net/n9ssa>

>QRP-L #2109

>

>

Date: Sat, 18 Mar 2000 04:58:46 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: WB3LGC@aol.com
Cc: QRP-L@lehigh.edu
Subject: [65970] Re: QRP at Greater Baltimore Hamboree and Computerfest ??
Message-ID: <38D35356.DB2@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

Yes there is. It will be informal but it will be held! I will be presenting it!

It is scheduled for 10:30 AM on Saturday in the forums building. That is down the hill to the LEFT of the main hamfest hall when looking at it!

Thanks for asking, I thought all the QRPers were going to Atlanticon!

73

Date: Sat, 18 Mar 2000 02:14:06 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [65971] A/D9852 DDS
Message-ID: <20000318101406.65613.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

ADI have just sent me a couple of sample AD9852 DDS chips. When I get the time (I've got a lot on at work), I'll be doing a PCB for it, with an Atmel AVR as the controller. As the AD9852 has an on-chip clock multiplier, I should be able to drive everything from a single crystal.

73, Leon

--

Leon Heller, G1HSM

Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 18 Mar 2000 06:59:50 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Radio Discusion" <qrp-l@Lehigh.EDU>
Subject: [65972] Fun
Message-ID: <200003181159.GAA58616@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mornin'

Anyone who needs ole Va for WAS, or needs the rare
county of Scott, can get both this weekend. Lots of Va. stations will be
on. I am in Scott County. Come by for
a visit.

72..
Dan Wolfe, N4ROA, Gate City, Va....K2#205

Date: Sat, 18 Mar 2000 05:08:22 -0000
From: "Walt Amos" <k8cv@worldspy.net>
To: <fantbb@yahoo.com>
Cc: "qrp-l posts" <qrp-l@lehigh.edu>
Subject: [65973] old LDG Tuners
Message-ID: <000201bf90d1\$9a6d9260\$8ab86520@k8cv>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jeff:

Must be something wrong with yours as mine tunes everything and never fails. It tunes my 80 meter open wire feed dipole using the balun on the back of my drake tuner and the drake is in the direct (pass through) position. I have both the qrp one and the 150 watt tuner and they both work fine here on verticals , Carolina windoms , inverted L for 160 and the above mentioned open wire dipole.

Walt K8CV Royal Oak, Mi. qrp-1 935 Zombie 188

----- Original Message -----

From: "Jeff" <fantbb@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, March 18, 2000 00:06

Subject: Re: New LDG Tuners

> --- Paul Christensen <paulc@mediaone.net> wrote:

> > Perhaps it's because it's one thing to hear or read a claim from

> > the

> > manufacturer, and yet another to solicit the opinions of those who

> > have

> > actually used the product. I believe Joe's inquiry related to the

> > use of

> > the tuner with a particular type of antenna. In this instance, I

> > would much

> > rather have the unbiased feedback from those who have purchased the

> > product.

>

> I have a AT-11 QRO antenna tuner. I bought it so I wouldn't have to

> always retune my MFJ antenna tuner when I change bands on my 10-40

> meter G5RV. Well what I found was that it could tuner 15 and 20

> meters with no problem but couldn't tune 10 and 40 meters. Even when

> I tried 1/4 wave feeders and made sure it had a good ground it stil

> wouldn't tune it in. Also I tried adding some inductance inline with

> the coax to help on 40 meters. It still had problems tuning.

> I ended up using my MFJ antenna tuner between the antenna and AT-11.

> After a while I just took out the AT-11 and packed it away.

>

> I'm not that impressed with the AT-11 and if it can't tune a G5RV I

> feel it's not that usefull. The G5RV has a range of impedences that

> are pretty typical of a multiband antenna and if it couldn't tune

> those I kinda wonder how usefull it really is. Also tried a 4:1 balun

> and that didn't help either. It is susposed to tune the range of

> impedences that I measured with my RF-1.

>

> Sorry not to jump on the bandwagon where anything QRP is great and

> should be bought. But I wasn't happy with the AT-11.

>
> Jeff
>
>
> =====
> Jeff Jones
> AB6MB
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> Radical FIST Member 6798
> Voicemail/Fax 1-888-Excite2 ext 925-439-2514
> ICQ 62450117
>
> -----
> Do You Yahoo!?
> Talk to your friends online with Yahoo! Messenger.
> <http://im.yahoo.com>
>

Date: Sat, 18 Mar 2000 07:15:34 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: victor@brecnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [65974] Re: Extra up grades opinion???
Message-ID: <38D39D96.21F44AA@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When upgrading you may apply for a new callsign,
sequentially generated, and you will get the next one in
line from the current list. Vanity callsign requests require
a separate application.

73, Dick W0EX

Victor Blackwell wrote:

>
> This is an easy question. Since you will be getting the license from the
> FCC, call the FCC.
> 1-888-CALL-FCC. I have found it best not to try and do two things at once
> with the commission. This can generate foul-ups. I asked the folks at the
> FCC in Gettysburg about taking more than one action at the same time. The
> lady reiterated the advice of one and only one task at a time. Who else
> besides you would want a crummy call like, W9QRP? :-)
>

> Vic AD8K
>
> -----Original Message-----
> From: Michael Herman <kc9nf@hotmail.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: Friday, March 17, 2000 10:06 PM
> Subject: Extra up grades opinion???

>
> >Since I need to wait til 4/15/00 and I want a vanity call sign.Do I applied
> >for the upgrade and the new call sign at the same time??Mike KC9NF
> >
> >-----
> >Get Your Private, Free Email at <http://www.hotmail.com>
> >

Date: Sat, 18 Mar 2000 06:10:19 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65975] RE: Tuna Tin II upgrades
Message-ID: <20000318141019.4104.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I saw some postings regarding TT2 "upgrades." A wonderful basic radio series was posted in QST about a decade ago. I remember a transmitter that was essentially a variation on the TT2, except it used a pair of 2n2222's in the final. I believe many of these articles were by W1FB but my memory fails me. Anyway, the series also had a receiver, vfo and something called IMUS control to integrate everything together. Maybe these articles would be good to add to the ARRL TIS series.

73, curt wb8yyy

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sat, 18 Mar 2000 10:15:17 -0800
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [65976] HELP: Best Way to Cut Double Side Copper Clad PCB

Message-ID: <001801bf9105\$ec1dc060\$a8dc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello Multitudes,

I am making a little enclosure and before I make a mess of things.....why not take advantage of past experiences of the group.

Please pass along your hints and kinks.

As always....thank you.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Sat, 18 Mar 2000 10:16:57 EST
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [65977] Re: RIGS: AEA DX Handies, xtal co.
Message-ID: <c8.283cf03.2604f7e9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Surplus Sales of Nebraska lists crystals of various frequencies and holders.
Among them are crystals made for the DX Handy!

Listed are:

28.05-28.1
28.1-28.15
28.15-28.2
28.2-28.25
28.6-28.65
28.65-28.7
28.75-28.8
28.8-28.85
28.85-28.9

28.9-28.95

28.95-29.0

These crystals are in the 13.12544-13.43094 range. I don't know what the scheme is for the 6M Handy, but it is possible they may have suitable crystals for that also.

Surplus Sales of Nebraska (800) 346-4750

www.surplusales.com

72

Howard Kraus, K2UD

Date: Sat, 18 Mar 2000 07:52:09 -0800

From: Ed Loranger <we6w@qsl.net>

To: mjfitz@uswest.net, Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>

Subject: [65978] Re: Mike Preamp designed.

Message-ID: <38D3A629.B659F0F3@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Wow Mike! I just visited the elecraft webpage and boy is my design very close to that! Oh my goodness. It looks very much the same as mine. I honestly worked it up myself since that's what I do.... Anyway, I'm copying the group to let them know there is already a desing on the Elecraft builder's page that should get the job done better than my ol' garden variety collector feedback amp...

Thanks Mike, I'd rather go with what's already tested and I'll try out the one on the webpage.

72, Ed we6w

mjfitz@uswest.net wrote:

> Ed...

>

> Did you see the mike preamp on the Elecraft builder's
> resource page? Somebody sent it to me...and I sent it to
> Eric. Looks about like what you are trying to do. Mine
> works good with the HC4...that's why I needed one.

>

> Mike NOMF

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
http://www.qsl.net/we6w Santa Rosa, CA
Addicted to peanut butter and honey sandwiches!

Date: Sat, 18 Mar 2000 11:00:35 -0500
From: david fouchey <dafouchey@home.com>
To: k8cv@worldspy.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65979] Re: old LDG Tuners
Message-ID: <38D3A823.E04D592F@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Makes two of us Walt. Mine tunes a 40 meter Dipole for anything except 160, there it only will reach a tuned position in a narrow range around 1.950 MHZ.

Dave
WA4EMR/8

Sterling Heights, MI

Walt Amos wrote:

>
> Jeff:
>
> Must be something wrong with yours as mine tunes everything and never fails.
> It tunes my 80 meter open wire feed dipole using the balun on the back of my
> drake tuner and the drake is in the direct (pass through) position. I have
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> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, March 18, 2000 00:06
> Subject: Re: New LDG Tuners

>
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> > wouldn't tune it in. Also I tried adding some inductance inline with
> > the coax to help on 40 meters. It still had problems tuning.
> > I ended up using my MFJ antenna tuner between the antenna and AT-11.
> > After a while I just took out the AT-11 and packed it away.
> >
> > I'm not that impressed with the AT-11 and if it can't tune a G5RV I
> > feel it's not that usefull. The G5RV has a range of impedences that
> > are pretty typical of a multiband antenna and if it couldn't tune
> > those I kinda wonder how usefull it really is. Also tried a 4:1 balun
> > and that didn't help either. It is supposed to tune the range of
> > impedences that I measured with my RF-1.
> >
> > Sorry not to jump on the bandwagon where anything QRP is great and
> > should be bought. But I wasn't happy with the AT-11.
> >
> > Jeff
> >
> >
> > =====
> > Jeff Jones
> > AB6MB
> > NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> > Radical FIST Member 6798
> > Voicemail/Fax 1-888-Excite2 ext 925-439-2514
> > ICQ 62450117
> >
> > _____
> > Do You Yahoo!?
> > Talk to your friends online with Yahoo! Messenger.
> > <http://im.yahoo.com>

Date: Sat, 18 Mar 2000 11:12:56 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, <MAIL4GARY@worldnet.att.net>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [65981] Re: HELP: Best Way to Cut Double Side Copper Clad PCB
Message-ID: <000701bf90f4\$d45dcbbc0\$7a59accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Several convenient ways we've been using to cut copper-clad pcb material (in the making of the SMK-1 Transceiver Enclosure Kit and with the SOP Rx Enclosure Kit) here in the NJQRP Club include:

1) Use of the Harbor Freight shear ... an absolute magnificent tool, albeit expensive (~\$200), for making straight, even cuts.
<http://www.harborfreight.com> This is what we use for producing the enclosure kits.

2) Use of standard "tin snips" ... I use a sharp, yellow-handled pair from Craftsman with about a 2" cut. Good for small pieces (<4" on a side) but it gets tough to control longer cuts because the pcb material needs to bend up on one side of the cut (and down on the other) as you progress along. It's do-able, but tougher. Need to be careful to keep your lines straight, just as you need to when making long cuts in paper with scissors.

3) Use of a hack saw ... again, nice a smooth cuts, but can only conveniently do cuts about 5-8" before the bracket for the blade starts getting in the way. I find it difficult to keep a nice straight cut (the blade drifts rather easily.)

4) Use of a standard, fine-pitch cross-cut hand saw ... like one might use for cutting a 2x4 piece of lumber. Easier to keep on the scribe line, and to keep the cut straight. Somewhat rougher cut (needs filing of the edge to smooth out the roughness.) Be sure to take into consideration the width of the resulting cut, as it is probably the widest of the methods. (Cut on "the outside" of your line to ensure the proper dimensions to be used.)

5) Use of a table saw or band saw ... I haven't done this, but if you have such shop equipment, it should make it a Snap to do. Use care with this automated equipment!

6) "Scribe 'n Snap" ... I've heard people recommend heavily scoring either or both sides of the desired cut and then Snapping off the desired material by extending it over the edge of a table and applying pressure. I've found that this works nicely for cutting perf board, but haven't had much success using it for copper-clad G10 fiberglass material.

BTW, the current issue of QRP Homebrewer has a feature article from Chuck Adams K7QO dealing with Manhattan-style Construction. He offers a number of good tips in dealing with the pcb material involved with this style of homebrewing. http://www.njqrp.org/data/qrp_homebrewer.html

Also, the Atlanticon Proceedings (collection of papers to be presented at the QRP Forum next weekend) includes some extra articles on homebrewing enclosures from PCB material ... these techniques of cutting copper-clad are detailed somewhat in Proceedings, and we'll be selling off the extra copies for \$10 postpaid, if interested. <http://www.njqrp.org/atlanticon/>

No matter what technique you use, be careful in handling the resulting sharp edges of the boards. They can get **very** sharp, and little copper slivers are also not very pleasant in the hands.

73, George N2APB
n2apb@amsat.org

----- Original Message -----

> Subject: HELP: Best Way to Cut Double Side Copper Clad PCB
> Please pass along your hints and kinks.

Date: Sat, 18 Mar 2000 10:59:11 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: baltimoremd@baltimoremd.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65982] Re: SWR vs FS
Message-ID: <008401bf90fb\$493a1ec0\$c5763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

It is possible that either your transmitter likes some impedance other than 50 ohms or that the SWR meter is a little off. The difference between 1.3:1 and 1:1 should be undetectable at the other station's end however. If you have to choose, I would go with the maximum FS reading.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

I've noticed that when the swr is lowest with my tuner/antenna it does not correspond to maximum field strength with a remote FS meter. So, should I tune for maximum FS or lowest SWR ? The differences are a 1.3/1 yields a higher Field Strength than a 1.0/1.

My ears tell me the settings based on FS are a bit better, but my hearing is suspect.

Thanks in advance

thom-k3hrn

Date: Sat, 18 Mar 2000 12:19:00 -0500
From: john@neknetwork.com
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65983] qsl'ing W1FB
Message-ID: <38D3BA84.C75027DC@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Sorry if this is a dumb question; how do I (or do i?) QSL Ed while working W1FB as the fox the other night? Thanks, 73

John, KB1ENS

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Affordable web site hosting under your domain name!
C/C++, Perl, CGI, RDBMS, Web site creation and
Network Administration

Date: Sat, 18 Mar 2000 12:42:01 -0500
From: Laura Halliday <va3ldh@sympatico.ca>
To: qrp-1@Lehigh.EDU
Subject: [65984] Re: HB: Low Phase Noise VFO
Message-ID: <38D3BFE9.E62AE326@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please forgive me if this sounds really dense, but why is phase noise an issue here? On 10 meters frequency stability and frequency agility are usually far greater concerns.

We know what works, like a VXO and a multiplier, or a solidly executed LC VFO with a crystal controlled frequency converter. You could build most of the latter ugly on the back of an NE602.

Is this not good enough? Why?

Not all PLLs are lethal - done properly, they are clean. The operative word is *properly*. This costs somewhat more than those otherwise-cute programmable gadgets you can buy. You get what you pay for. As always.

Look at a summing loop PLL like the one G3R00 published in Radcom a few years ago. Some commercial rigs have used such setups, and if phase noise is a problem in my TS-120V I've never noticed it.

--

Laura Halliday VA3LDH "Laisse le vent tout emporter..."
Grid: FN03gs - Foly/Viennet

Date: Sat, 18 Mar 2000 13:10:36 -0500
From: "Scott Hotchkiss" <w4pj@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65985] Re: SWR vs FS
Message-ID: <002c01bf9105\$43587d80\$21d34dd8@w4pj>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It depends, If you want your signal to be the strongest, I'd go with the Field Strength meter maximum. We used to tune up the mobile rig till a little flourescent bulb was glowing the brightest. <G>

de (Scott) W4PJ

P.S. a dipole is probably closer to 70 ohms feedpoint impedance so a VSWR of 1.3:1 on a 50 ohm feedline sounds about right.
(You didn't say what type of antenna)

----- Original Message -----

From: <baltimoremd@baltimoremd.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, March 18, 2000 11:16 AM
Subject: SWR vs FS

> I've noticed that when the swr is lowest with my tuner/antenna it does not
> correspond to maximum field strength with a remote FS meter. So, should I
> tune for maximum FS or lowest SWR ? The diffrences are a 1.3/1 yields a
> higher Field Strength than a 1.0/1.

Date: Sat, 18 Mar 2000 13:33:30 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [65987] FS RS DSP NIB
Message-ID: <38D3CBFA.9127D02A@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale: Radio Shack DSP, new in box, with manual, mobile bracket, and cords. Used twice.
Just picked up a Timewave DSP and this is no longer needed in my shack.
\$45 (shipping included) OBO
73s Ed AA3SJ

Date: Sat, 18 Mar 2000 12:56:00 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@lehigh.edu>
Subject: [65988] Trade: OHR500
Message-ID: <001501bf910b\$9b3d0b00\$8dc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All,

I have a OHR500 5 band QRP radio for trade. This is a desk top radio, not a portable rig.... has some nice features... such as built in keyer, Power output control on the front panel and a tune/operate switch...Including a AF CW filter. It is a CW radio for 15,20,30,40 and 80 meters. This radio is fairly new, and in good condition. Would consider trades of other QRP equipment of equal value. Would like to trade for a Argosy analog radio. Please contact me direct. Thank you and have a great weekend.

Kelly Ellison - WB0WQS QRP-1#702.

Date: Sat, 18 Mar 2000 13:53:34 EST
From: Wa3ptg@aol.com
To: qrp-1@lehigh.edu
Subject: [65989] (no subject)
Message-ID: <c3.30e5e81.26052aae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Y'all

It's Saturday, and the mailman brought the QRP Homebrewer. It's gonna be a ham radio kind of day.

Yes.

72 DE WA3PTG "If it ain't CW, it's just CB"
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Sat, 18 Mar 2000 12:00:53 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: <john@neknetwork.com>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [65990] Re: qsl'ing W1FB
Message-ID: <004e01bf910f\$82ceef80\$ad101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I filled out the QSO block on my card with the W1FB call and sent it to:

CENTRAL CONNECTICUT QRP CLUB
225 MAIN ST
NEWINGTON CT 06111
USA

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, March 18, 2000 10:19 AM
Subject: qsl'ing W1FB

> Hi All,
>
> Sorry if this is a dumb question; how do I (or do i?) QSL Ed while
> working W1FB as the fox the other night? Thanks, 73
>
> John, KB1ENS
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>
> Affordable web site hosting under your domain name!
> C/C++, Perl, CGI, RDBMS, Web site creation and
> Network Administration

Date: Sat, 18 Mar 2000 14:36:52 EST
From: AD6EZ@aol.com
To: qrp-1@lehigh.edu
Subject: [65991] OT: Sell or Trade
Message-ID: <6.375a503.260534d4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang -

I was last night's Radio Club meeting's door prize lucky winner. It is a:

Uniden Bearcat Scanner
Model BC 248CLT
Built-in AM/FM Radio & Alarm Clock
50 Channels; 10 Bands & 5 Banks
Programmable Delay
Weather Search & Alert
Full Frequency Display

AES says "List" price is \$180; "Sells" them for \$110.

Will consider QRP or "BUG" or ?? for trade or make offer.

73 es God Bless de Denny AD6EZ <><
Goleta, CA

Date: Sat, 18 Mar 2000 12:37:16 -0700

From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65992] Rigs with PICs & open source
Message-ID: <008f01bf9111\$628de080\$ad101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Reading and writing comments about the DSW got me to thinking:

Wouldn't it be cool to have a PIC controlled radio kit that included the control software source code? With the source and a space memory socket we could experiment with all kinds of different radio features & functionality!

Just a thought.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Sat, 18 Mar 2000 12:44:03 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: QRP-L@lehigh.edu, cw@qth.net, brasspounders@e-groups.com, keysnbugs@egroups.com
Subject: [65993] CQ Sweden
Message-ID: <200003181943.MAA01837@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Are there any members of this list in Sweden? If so, please reply direct!

Thanks...

Marshall Emm, N1FN

Milestone Technologies, Inc.

(303) 752-3382

<http://www.mtechnologies.com>

Date: Sat, 18 Mar 2000 09:41:41 -0500
From: Joe Mikuckis <k3chp@erols.com>
To: qrp-l@lehigh.edu

Subject: [65994] Mineral Oil
Message-ID: <38D395A5.535C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The recent postings re mineral oil reminded me of the time when I had an Alfa Romeo (a sports car) back in 1965. Its manual 5-speed transmission required pure mineral oil. I got it from a pharماسist. It was expensive compared to regular transmission oil.

Joe, K3CHP
Riverdale, MD

Date: Sat, 18 Mar 2000 15:09:14 +0200
From: lenny wintfeld <w2bvh@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65995] Extra Good News
Message-ID: <38D37FFA.4CE7096E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi!

I just got back from the Cherryville (NJ) Repeater Association Hamfest with 3 goodies: 100' of dacron/kevlar antenna support rope, a 3-section ball bearing variable cap and a CSCE for having passed the Extra Class License exam! The least expensive item (CSCE) is by far the most valuable.

Actually I passed the 20 wpm code exam today; the written was passed last October.

I walked in there with little hope. I've been "stuck" at solid 18 wpm for 2 months. 20 wpm has been *very* shaky for me (I simply can't write that fast).

The examiner wouldn't give me my score but said I passed with "plenty to spare".

Very happy to have a 20 wpm Extra! Sure didn't expect to.

73 & Yikes!

Lenny W2BVH/AE

Date: Sat, 18 Mar 2000 13:24:52 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65996] Re: DSW Mod Ideas (was: Re: Kits: Best Bang for the buck under \$100)
Message-ID: <004101bf9118\$0cf6b280\$6a190404@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First let me say that "as is" the DSW's are an excellent radio and value. There is no need to change anything.

That said, here are some MODS I've thought about for the DSW series. I've tried none of these yet, but thought it might be fun to do so.

Power:

- o Change the emitter resistor R25 in the second driver stage to change the power.
- o <51ohms increase power. (Don't go over 3W without a heat sink.)
- o >51ohms decrease power.
- o And a small pot or switched resistor array to vary it. KEEP THE LEADS SHORT!
- o Change the PA transistor.

Change the side tone freq.

- o Side tone comes from pin 2 of the PIC remove C23 and inject you own sidetone at R9.

Change the sidetone volume:

- o change R9 < 4.7M < R9, increase or lower volume respectively

Extra IF filter:

- o As Steve posted make a 4,5,??? pole xtal filter and sub it for the one that is there.

o Use varactors in you design to create variable bandpass

Preselector:

o I had a Drake 2B with a preselector on the front end. I often wondered if a preselector would be useful ahead of the 602 to reduce adjacent strong signal interference.

Memory Presets (Advanced)

o Pulses on pin's 2 & 3 control up/down frequency. Perhaps a small "black box" in front of the PIC (another PIC maybe) can keep track of the Freq. setting and deliver a pulse train to move to user programmed presets.

Dual bander:

o build to DSW's in one enclosure, each for a different band. Wire the controls common to both boards and power only one or the other board at a time.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----

From: Larry Cahoon <wd3p@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, March 16, 2000 6:48 PM

Subject: Re: Kits: Best Bang for the buck under \$100

>

>

> > > By the way, anyone know of a mod to the DSW??

>

> The only one I want is a built in attenuator to cut the power to 500

> mWatts. I may do that myself and put it one a switch.

...

Date: Sat, 18 Mar 2000 15:33:37 -0500
From: Ed Kessler <edkess@epix.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [65997] PM1 Boards Gone Wow!
Message-ID: <38D3E821.1412EEB6@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod Johnson, KA7YOU, got to me first.
Sorry to all who would have liked these. Wish I had more to go around.
73s
Ed AA3SJ

Date: Sat, 18 Mar 2000 15:53:31 -0500
From: Tom Isgro <k8cz@concentric.net>
To: w2bvh@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65998] Re: Extra Good News
Message-ID: <38D3ECCB.EEF478EE@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Congratulations on the new Extra class license, Lenny
--
72, 73 oo's
Tom K8CZ Hamilton, OH
FPqrp #-41, QRP-l 945, FISTS 2360, NORCAL 2113, ARCI 9606,
10-10 68364, SCI 1479, ARS 203, ARRL

Date: Sat, 18 Mar 2000 12:11:15 -0900
From: John Raynsford <a17jk@gci.net>
To: qrp Discussion <qrp-l@Lehigh.EDU>
Subject: [65999] Europe 15 mtrs ...
Message-ID: <38D3F0F2.9A0BE10E@gci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

15 mtrs was hot this morning into Europe from Alaska.
Best catch of the day was 9A5I, Ivo in Croatia.

2w from a HW-9, roof mounted vertical.

73 AL7JK, John

Date: Sat, 18 Mar 2000 15:42:47 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Laura Halliday <va3ldh@sympatico.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66000] Re: HB: Low Phase Noise VFO
Message-ID: <Pine.SUN.4.10.10003181514530.25640-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 18 Mar 2000, Laura Halliday wrote:

> Please forgive me if this sounds really dense, but why is
> phase noise an issue here?

I'm glad Laura asked this, because I've been wondering the same darn thing. Laura brings some common sense here.

Phase noise is VERY important inslots of todays VHF and above communications where you're packing different comm channels a few KHz apart at 800 MHz or something. If you have phase noise that spreads out 10-20KHz, that is noise power getting into adjacent channels. So much for that hearing a "pin drop" cell phone!

But on HF, it just isn't much of a concern. Sure, it's nice to check if you are releasing a commercial rig to ensure your various oscillators are performing correctly, but not as a regular course of measure. I see all these close-in phase noise plots in QST rig reviews of the output power and wonder what the heck significance it's supposed to show. What's important is whether or not the harmonic supression is within FCC compliance, not how many dBc/Hz you have 10 KHz away on a congested 20M SSB band. If you're splattering powering 20KHz away, you sure don't need a \$30K HP Phase Noise Test Set to tell you that.

Even a lousy oscillator/PA will have 20KHz power down at least -60dBc. On YOUR receiving end, even a strong signal will be -50dBm. 60dB below that is -110dBm, which is 20dB BELOW the typical noise floor of 20-40M. So most of that phase noise power is masked by the typical noise level on the ham band anyway.

People didn't even measure phase noise years ago. It's come about with great interest in the past 10-15 years as a result of all the very high frequency cell phones and such, where excellent oscillator stability and power confined as best as possible to the fundamental frequency is very important. It's also a measure of how well the DDS/PLL's are working and where power added by the reference frequency of a phase locked loop is affecting you.

Phase noise is a feature perhaps some of us are interested in, and it does help to understand oscillator behavior and making our rigs always a bit better. It's worthy of discussion for those so interested. But I see little value in some of these numbers I see on ham radio web cites stating their phase noise is -160dB/Hz. A fairly incredible claim in itself for an HF oscillator, but what does it really mean and how many hams know how to interpret it?

I do encourage a discussion and some tutorial on phase noise on qrp-l for those so interested, but for those who feel lost, I don't want you to think you have an inferior rig because you don't know what your phase noise is, or it's a value a bit higher than what somebody else's rig is.

> On 10 meters frequency stability
> and frequency agility are usually far greater concerns.

Laura is right here. What REMAINS a true concern and measure is the stability of the oscillators we use on HF.

> You could build most of the latter ugly on the back of an NE602.
>
> Is this not good enough? Why?

That's right. Phase noise isn't like radon gas ... it ain't gonna kill you if you don't know if it's there or not! Hams have been using transmitters since the Titanic without ever a measure of phase noise.

72, Paul NA5N

Date: Sat, 18 Mar 2000 22:51:48 +0000
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [66001] FS: Lowe HF-150 & Icom R-100
Message-ID: <20000318.225152.-98953.0.wb2vuo@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I am listing these for Lou, K2LKK (not on the List). He's closing on a house in a couple of weeks and is looking to move some extra gear. When he moves in, I'll be setting up his HF QRP station for him (and the VHF/UHF gear, antennae and the like...)

First off, a Lowe HF-150 general coverage receiver. The HF-150 covers from the low end of the LW range up to 30 MHz with a tuning steps as small as 9 hz. It has the stock filters (3 & 6 KHz), receives in AM/AM Sync/LSB/USB, and is a HOT RX. Comes with the AC supply (which will also charge internal Ni-Cads) and will run on "AA" batteries.

Asking \$300 shipped to the Lower 48

Second, an Icom R-100 wide range receiver. Coverage is from 100 KHz to 1856 MHz (cell-blocked) on AM/FM narrow/FM wide. An excellent RX for an SLW and also a great scanner. Runs on 12 volts DC (No AC supply included)

Also asking \$300 shipped to the Lower 48

You can contact Lou directly via email. His Email address is k2lkk@eznet.net

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 18 Mar 2000 15:07:36 -0700
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [66002] QRP to the Field 2000 Rules
Message-ID: <38D3FE28.8F5021AF@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP To The Field 2000 -- Water World

Date: Saturday, April 29, 2000
Time: 1500 to 2400 UTC (pick any 6 hours)
Bands: 40-20-15-10 meters, in the vicinity of the QRP calling frequencies, please be courteous to others
Mode: CW only
Power out (QRP only): 5 watts or less

The theme for this year is to get outside and get as close as possible to a water location! Sorry...bathtubs, toilets, sinks, leaky plumbing, water bottles and the like don't count. Just about everyone has a nearby location that involves some kind of lake, pond, river, canal, ditch, whatever! If you can't get away to be near the water, then set up out in your back yard or on the back porch and be a field station. The whole idea of QRP to the Field is to get outside and operate! So pack a lunch and get out there. Let's have some fun! A note of seriousness here. Please keep your personal safety in mind, especially Marine Mobile stations. Don't attempt to go out on the water before the fog has cleared, and please don't stay out on the water after dark. We want to have everybody around for next year too. So use a little common sense and please obey the laws governing your location. Select any 6-hour operating period that works for you. If you need to split it up into two or three hour intervals to accomodate other plans, then do so. Jump in there when you can, but only work a total of 6 hours.

Categories: Marine Mobile (MM) - must submit photograph of operating position! Whether you're on a ship, canoe, kayak, raft, innertube or what have you....if you are afloat, then you're marine mobile. DO NOT sign /MM after your callsign, it will be part of the exchange.

Ocean (OC) - must submit photograph of operating position!
This category also includes the Great Lakes and the gulf, cuz those babies are huge!

Other water (WT) - inland lakes, rivers, streams, park ponds, ditches, canals, etc.

Field station (FD) - any station that is outdoors and not using commercial power or fixed antennas.

Home station (HO) - any station that is operating from an

indoor or home location.

Exchange: RST + SPC + Category identifier (two letters)

Example: 559 NM WT

Scoring: 25 pts - for each MM station worked per band

20 pts - for each OC station worked per band

15 pts - for each WT station worked per band

10 pts - for each FD station worked per band

5 pts - for each HO station worked per band

SPCs: count once per band

Location Multipliers: MM = x5

OC = x4

WT = x3

FD = x2

HO = x1

Final Score: Total pts x Total SPC x Location = Final score

A summary sheet is available at the Norcal web site:

<http://www.fix.net/~jparker/norcal.htm>

Deadline: Send complete logs and summary sheets by June 1, 2000

Summary sheets must include a description of location and equipment used; also include photographs where indicated above. Pictures must show your station location and the water in the same field of view. Your log should include a minimum of time (in UTC), callsign of station worked, complete exchange received, RST sent (if not a static exchange). Incomplete submissions will be used as check logs.

Email submission (except MM & OC stations): send complete logs and summary sheets in ASCII text format only to:

n0qt@arrl.net

Please send text format only, all other forms will be rejected so no html, word processor documents or attachments please.

Snail mail (including MM & OC stations): send complete logs and summary sheets and photos to:

Jan Medley N0QT

QRPTTF 2000

P.O. Box 1768
Socorro NM 87801

Date: Sat, 18 Mar 2000 17:48:55 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66003] Re: old LDG Tuners
Message-ID: <4.1.20000318172300.01af1e40@192.0.0.6>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've used my LDG AT-11 with a G5RV and the only times it hasn't tuned is when I go up to 3825! But if I hit the manual switches, it usually takes one or two shots one of the IND buttons (up, I think). But that's what I get for going up that high in the band in "nosebleed" country!

The tuner works great on all bands on the 80M double extended zepp with the LDG 4:1 balun - never misses anywhere!

I suspect that the AT-11 will tune most anything unless you hit on an odd (or even) length of feedline....

As external automatic tuners go, I'd say this is one of the best.

Saw one of the original LDG AT-11's at the Marshall MI hamfest today. It was marked \$150 - don't know if he sold it or not.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/
*/ Did you know you can email money with PayPal.com?
*/ Check this out:
*/ <https://secure.paypal.com/refer/pal=k8dd%40arrl.net>

Date: Sat, 18 Mar 2000 17:05:11 -0600

From: "Chuck Carpenter" <w5usj@globeco.net>
To: ARDUJENSKI@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66004] Re: Kits: Best Bang for the buck-EMTECH
Message-ID: <3.0.2.32.20000318170511.00801260@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Alan and all,

I agree with you on this one. I have the 20 meter unit. It works fine.

>There are a lot of newer and improved rigs, but the EMTECH NW series was
>ahead of its time and still is a great performer.

And it's one of the very few single band QRP units that has a real O.F.
tuning dial with a pointer to let you know about where in the band you are.

O.F. = old foggy like it was in the *old days*... 8^)...

Chuck Carpenter, Point, Rains County, Texas -- RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Sat, 18 Mar 2000 18:18:59 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [66005] FS QRP Rigs
Message-ID: <38D40EE3.273B976C@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Making room for another Sierra (rivals my K2 for favorite
radio status in my shack).

OHR Classic 40/20 transceiver plus the DD-1 digital dial.
\$180 (shipping included)

DSW-40 in blue anodized enclosure.
\$130 (shipping included)

Both of these radios are in "like new" condition and working
perfectly. Manuals included. Will probably take the OHR
to a hamfest next Sat. if I don't find anyone interested here.

Thanks for the bandwidth,

73s Ed AA3SJ
Ed Kessler
950 Woodside Station Road
Millersburg, PA 17061

Date: Sat, 18 Mar 2000 21:28:29 -0300
From: cx8at@adinet.com.uy
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66006] HAY ESTACIONES SUDAMERICANAS EN LA LISTA????
Message-ID: <38D41F2D.AF5DBC93@adinet.com.uy>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HOY (18/03) A PARTIR DE LA 1:30 UTC ESTARE OPERANDO ALREDEDOR DE 7.022
MHZ CON 700 MILIVATIOS, AGRADECERIA COMUNICAR CON CUALQUIER ESTACION DE
SUDAMERICA QUE ME ESCUCHE.
HASTA EL MOMENTO SOLO AMIGOS LU

AL, CX8AT/qrp

Date: Sat, 18 Mar 2000 18:26:10 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [66007] Priced to Sell
Message-ID: <38D41092.CE96BEBB@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Kantronics KT130 30m CW rig. Puts out about 25W.
Manual Included. Excellent Condition.
\$75.00 plus shipping.

Thanks,

Ed AA3SJ
Ed Kessler
950 Woodside Station Road
Millersburg, PA 17061

End of QRP-L Digest 1764

